



Digital Agenda for Europe Delivering Digital Growth and Jobs

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Political framework: Europe 2020

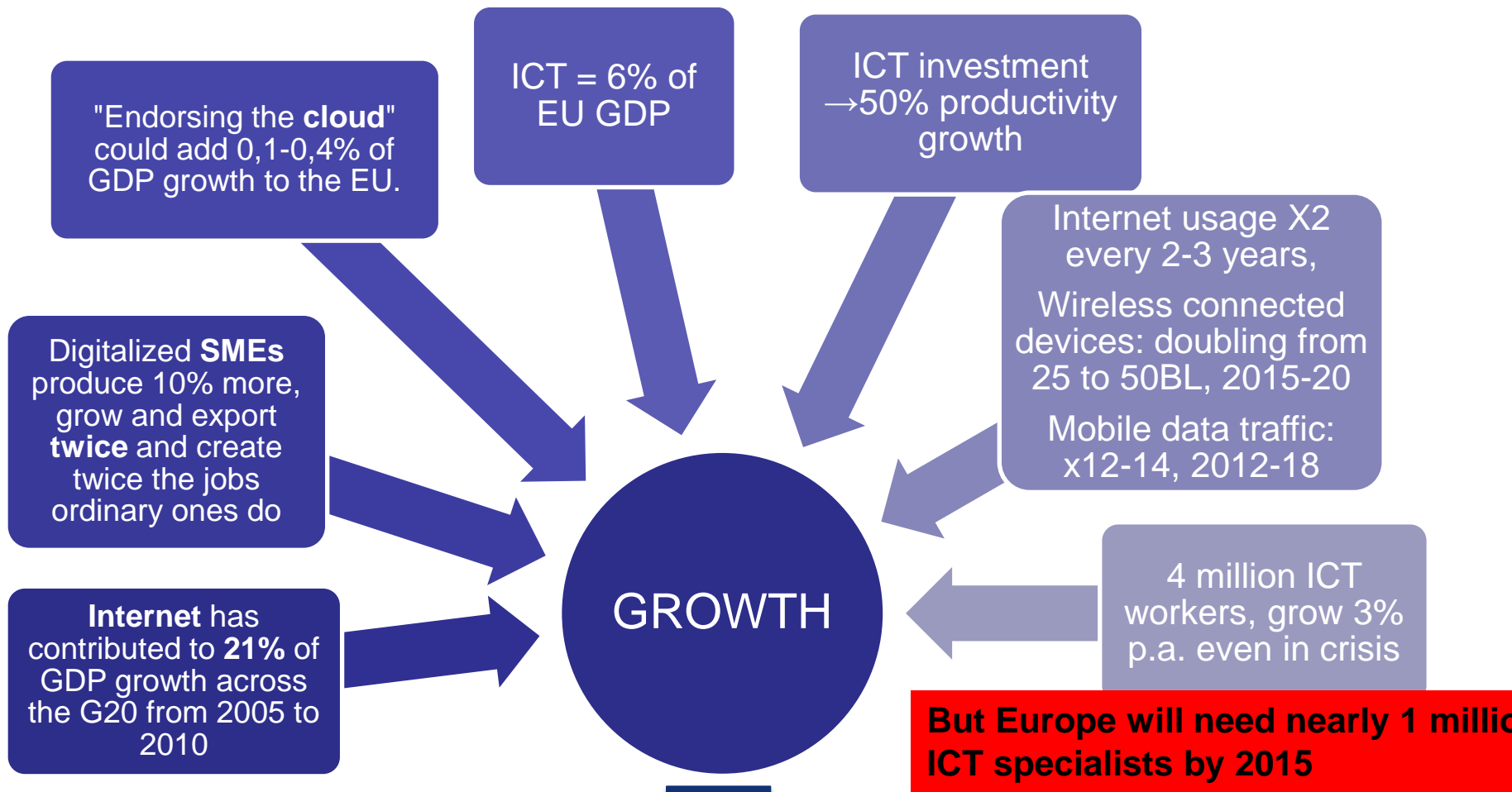
7 flagships

Digital Agenda for Europe

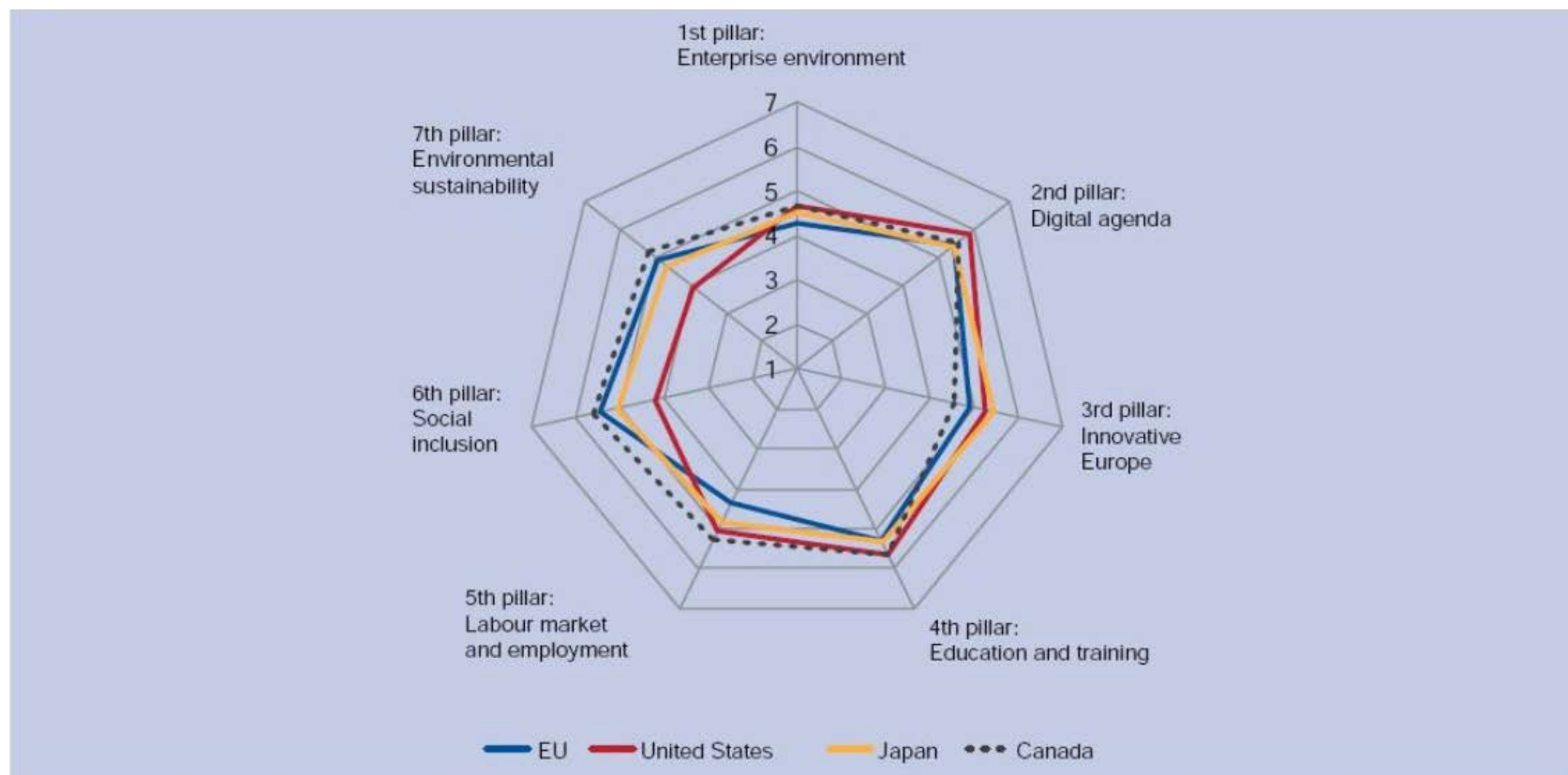
- Youth on the move
- Innovation Union
- An industrial policy for the globalisation era
- New skills for jobs
- European Platform against poverty
- Resource efficient Europe



Why ICT matters



Digital Performance: EU vs others



Pillars - Digital Agenda for Europe

Digital Single Market

Interoperability & Standards

Trust & Security

Fast and ultra-fast Internet access

Research and innovation

Enhancing digital literacy, skills and inclusion

ICT-enabled benefits for EU society

DAE review – December 2012

New and stable broadband regulatory environment

New public digital service infrastructures

Grand Coalition on Digital Skills and Jobs

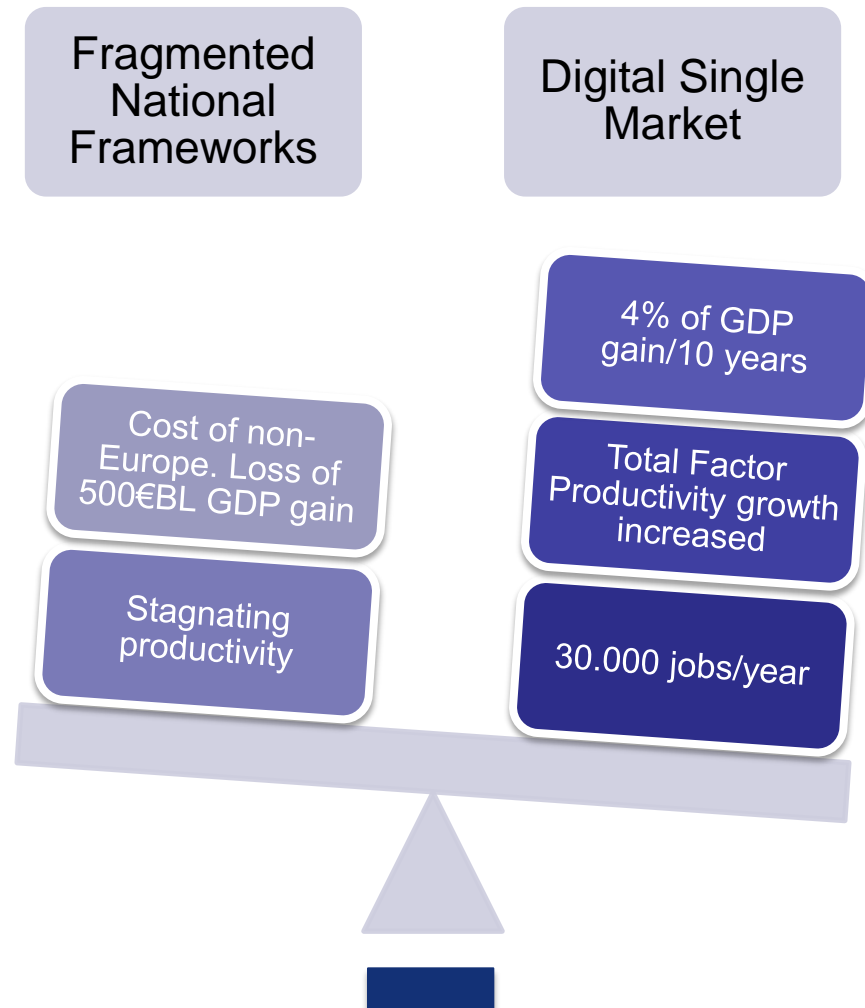
Propose EU Cyber-security strategy and Directive

Update EU Copyright Directive

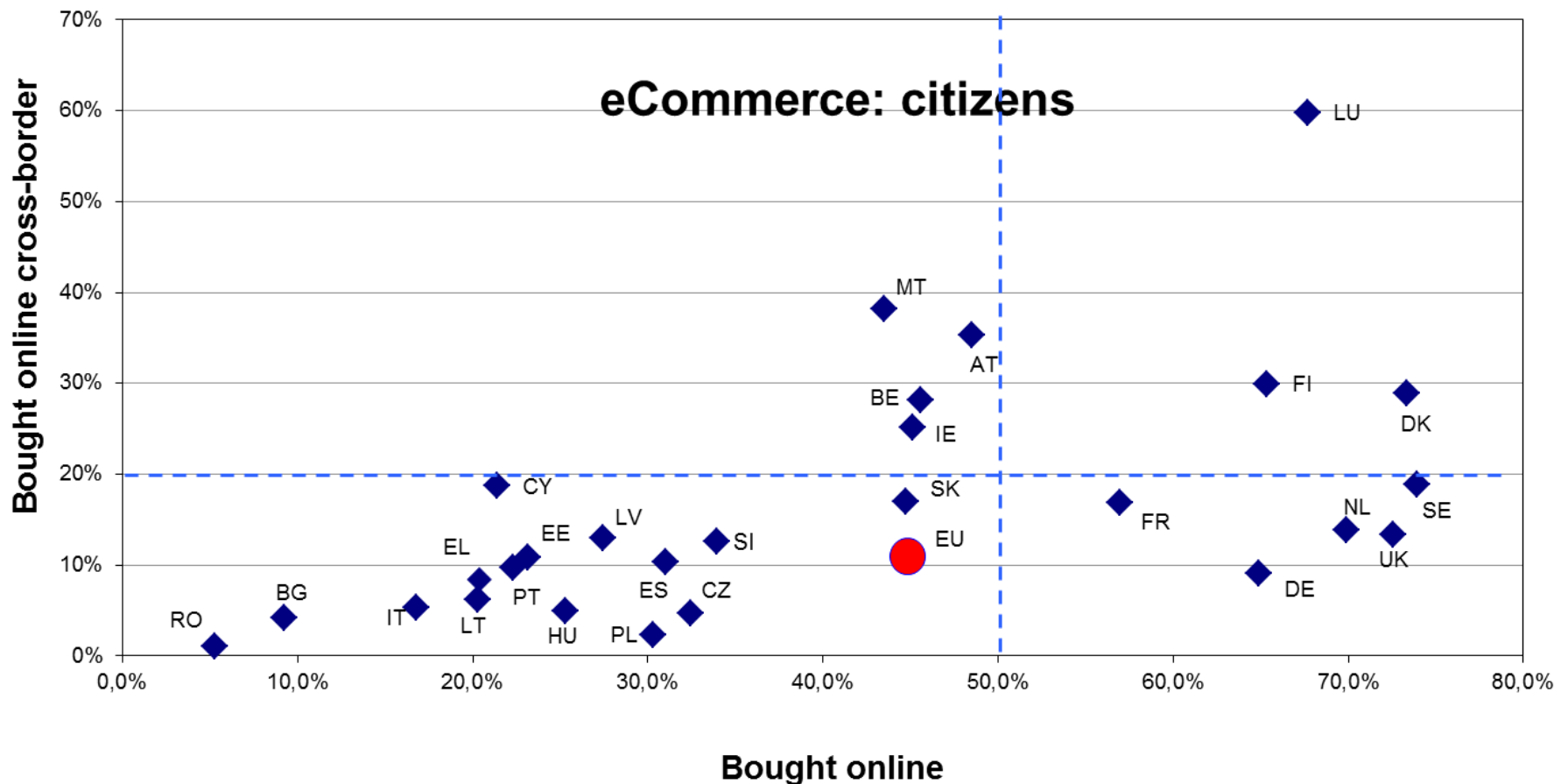
Accelerate Cloud computing strategy (public sector commitment)

New electronics industrial strategy (“Airbus of Chips”)

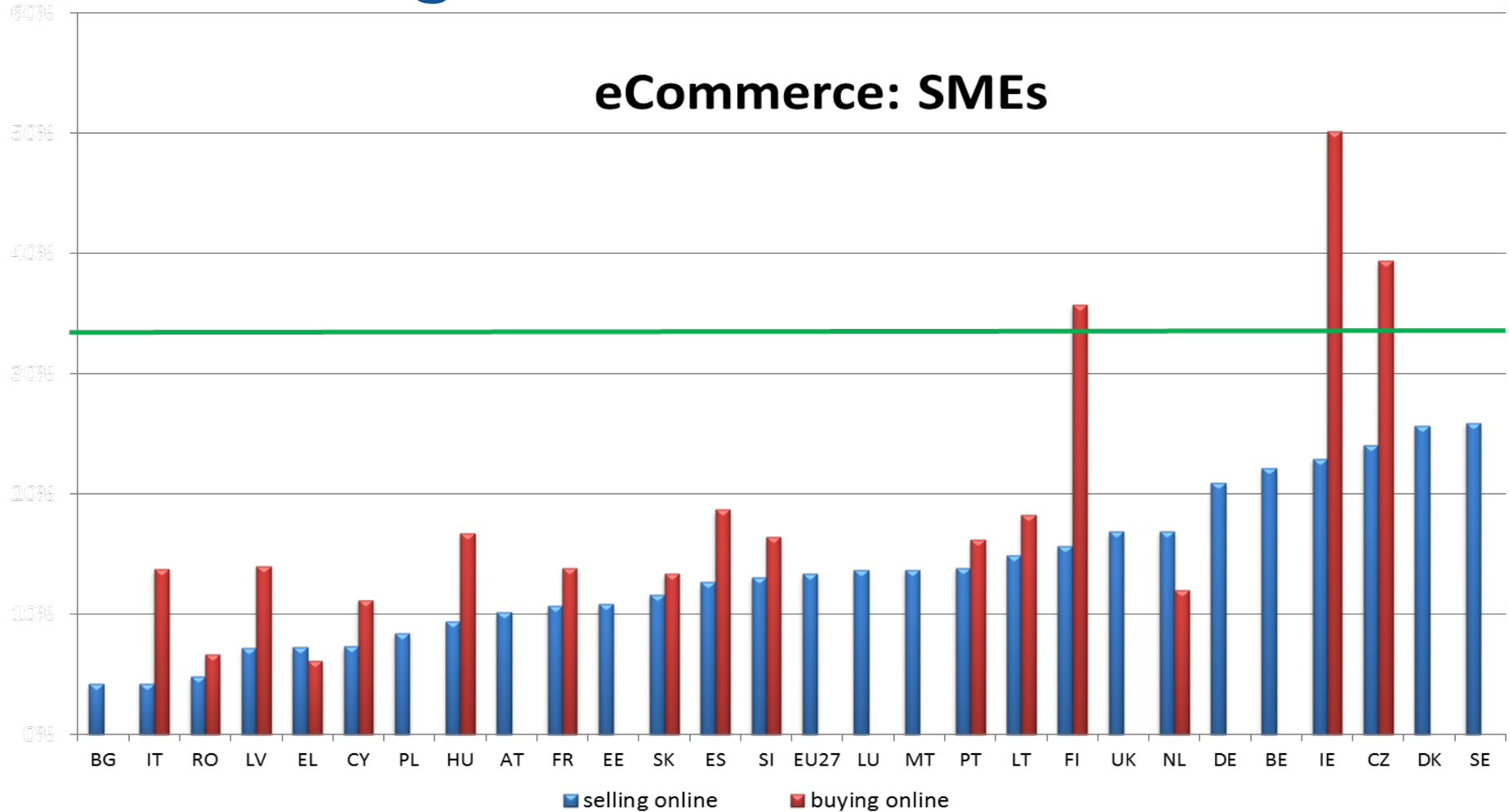
The Digital Single Market – borderless EU economy



Close but much progress to be made



SMEs selling online remains limited



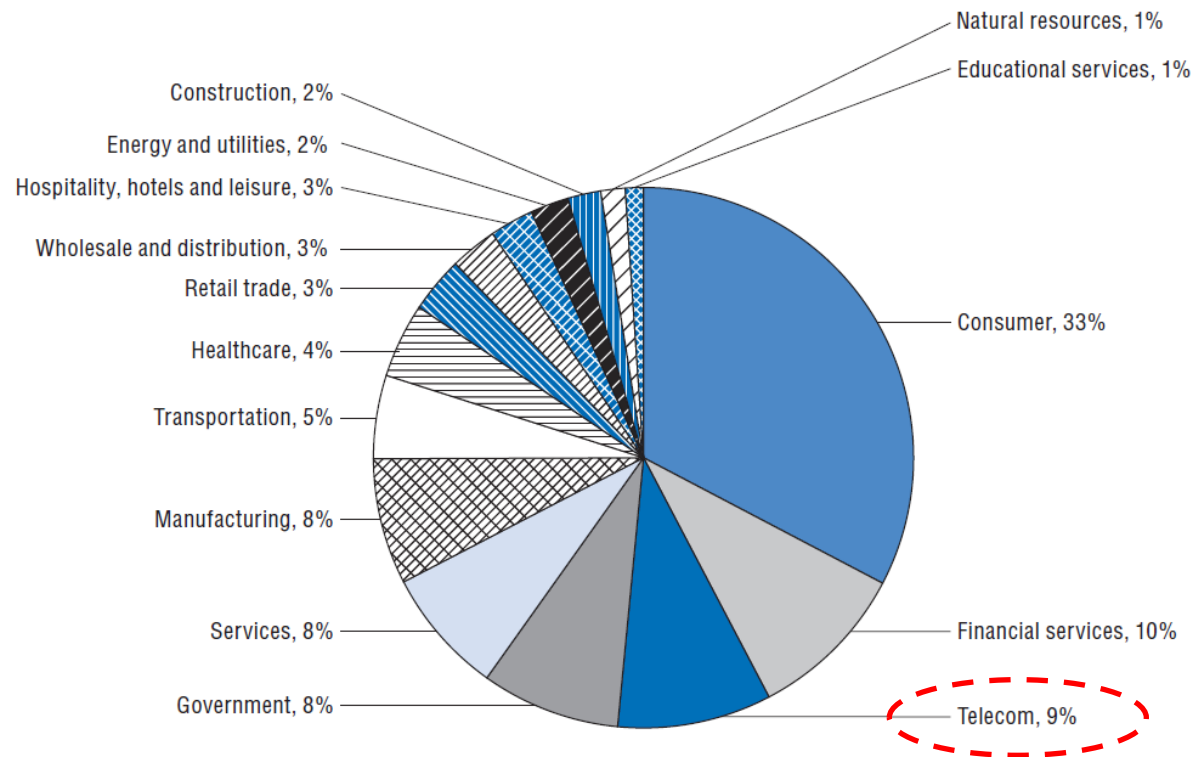


Single Market for Telecom: EU Vision

- A borderless European connectivity market
- Where telecom companies think European and compete globally – to meet consumer demands
- EU-scale networks supporting a competitive digital single market
- Europe as an attractive home for web entrepreneurs, device makers, and international businesses.

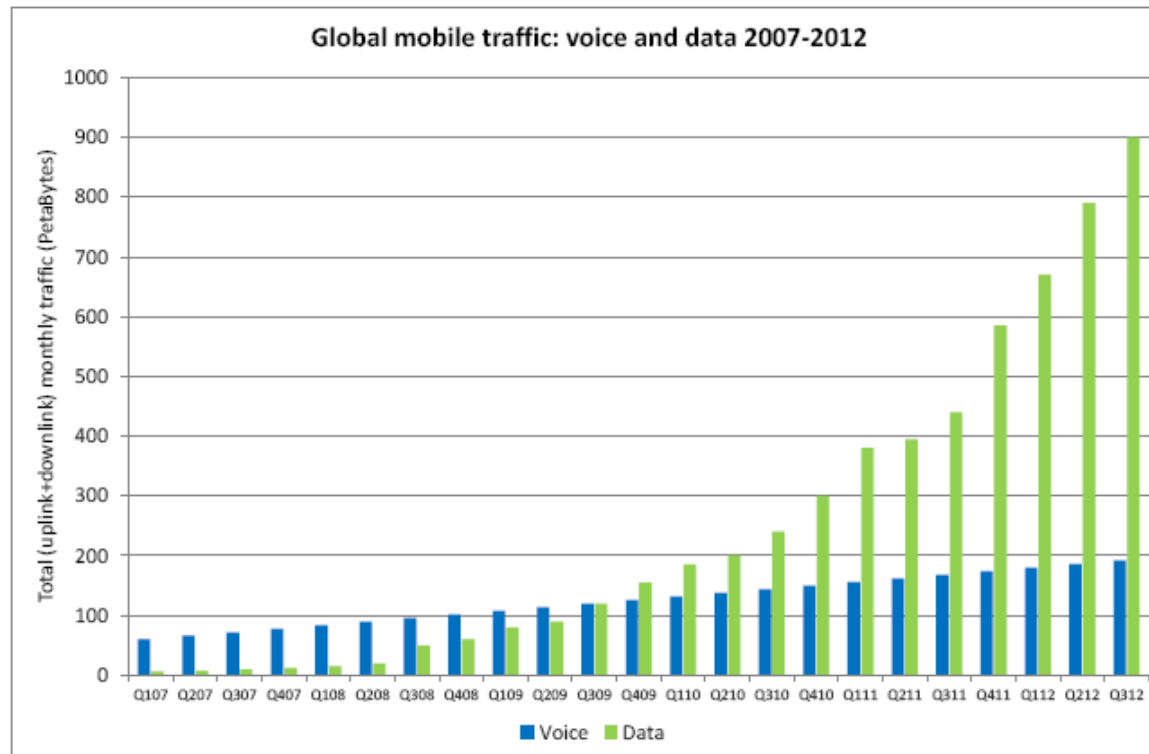
But not just Telecoms

Figure 1.30. **ICT spending by industry segment, 2012**



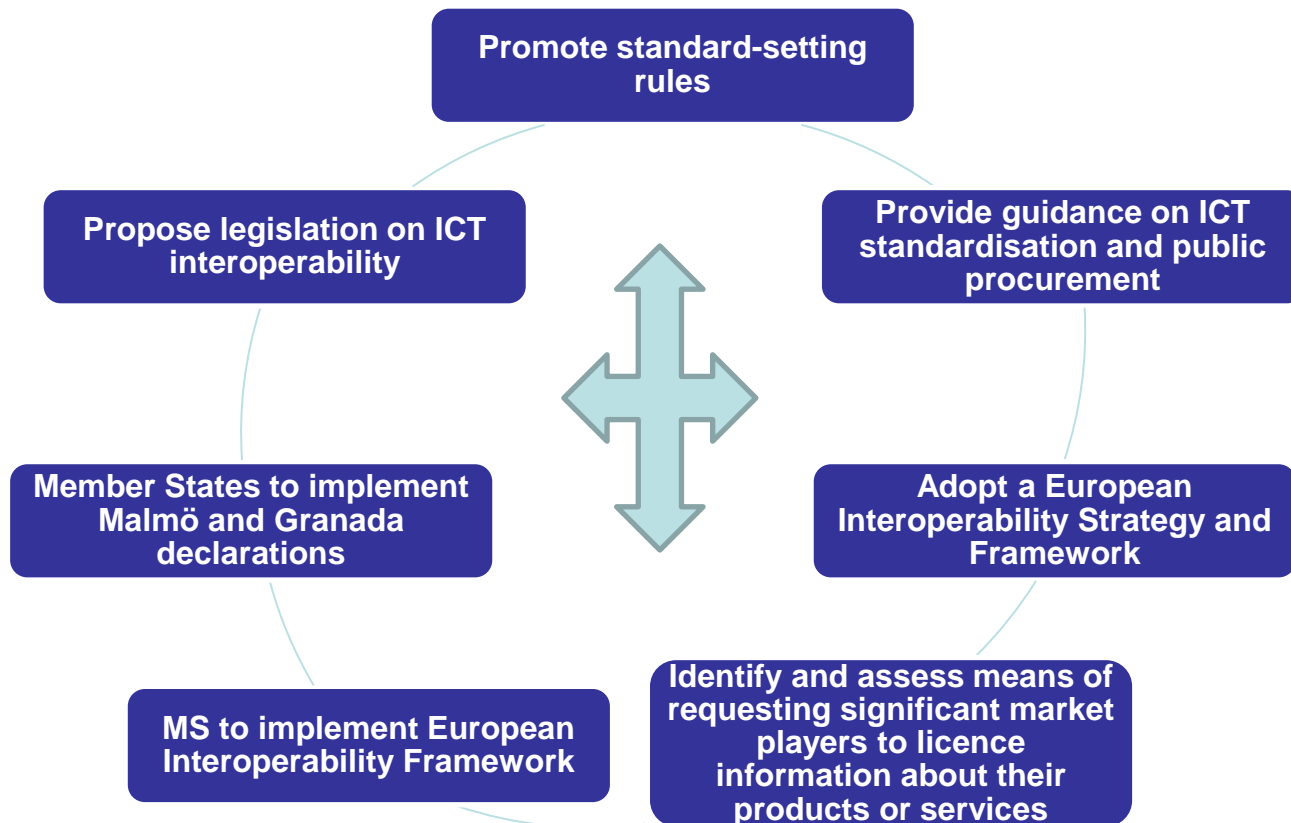
Global mobile traffic

Figure 3: Global mobile traffic: voice and data 2007-2012



Source: Ericsson

Interoperability & Standards



Trust and Security

40% citizens not assured to spread data over internet

38% citizens not assured to pay over internet

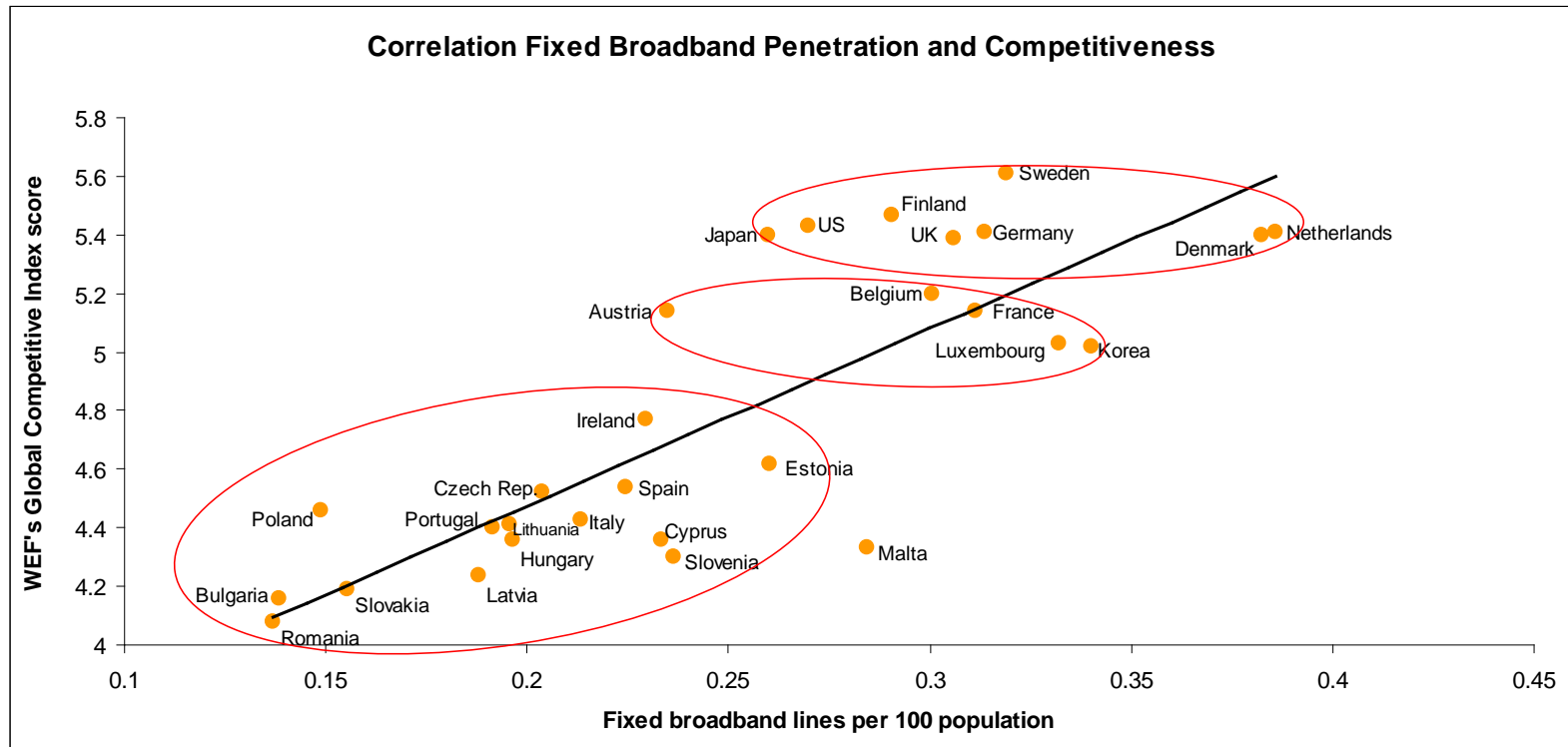
Citizens want more assurance in online transactions

16% enterprises experienced threats to their internet-based systems

Trust

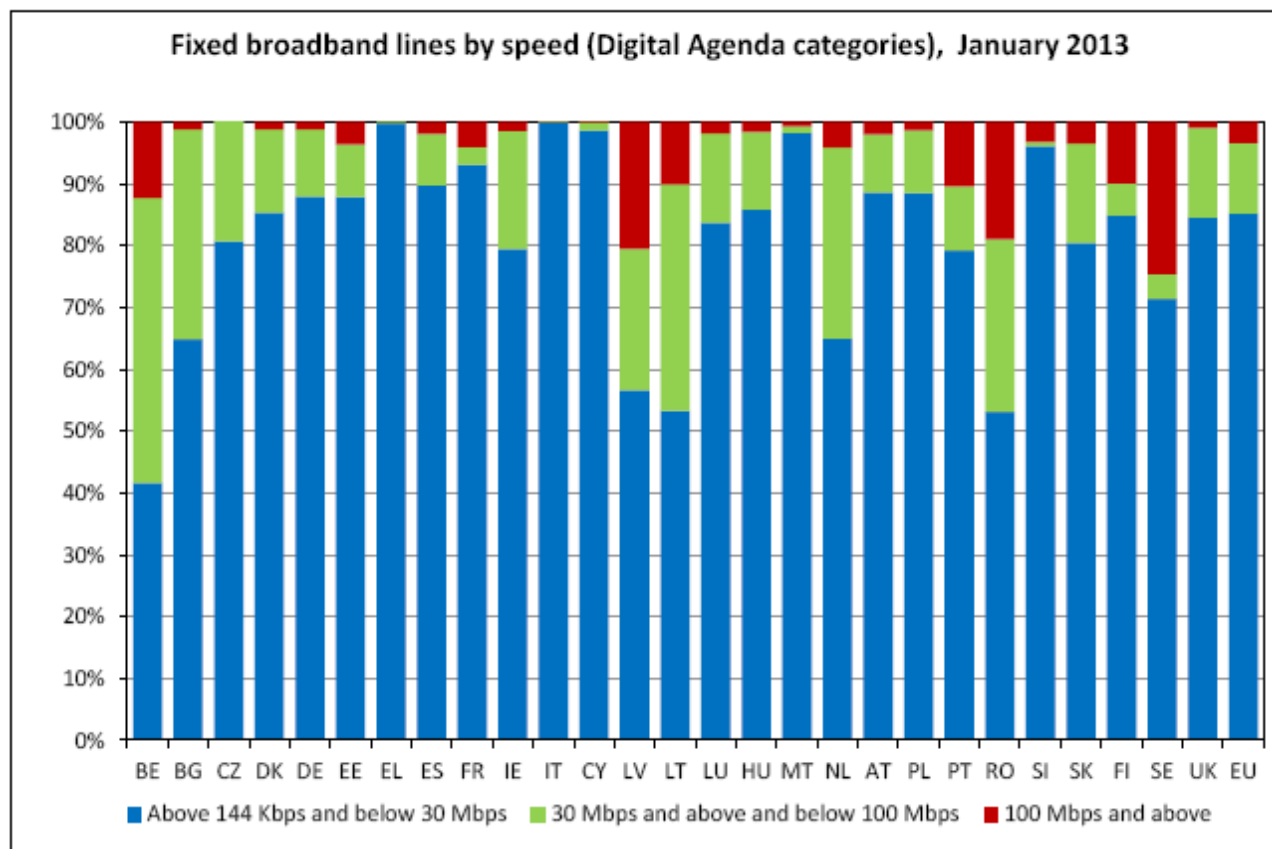
Risks of
Disruption of
critical networks
and online
business
activities.
Local
approaches not
sufficient

Very fast internet supply and demand



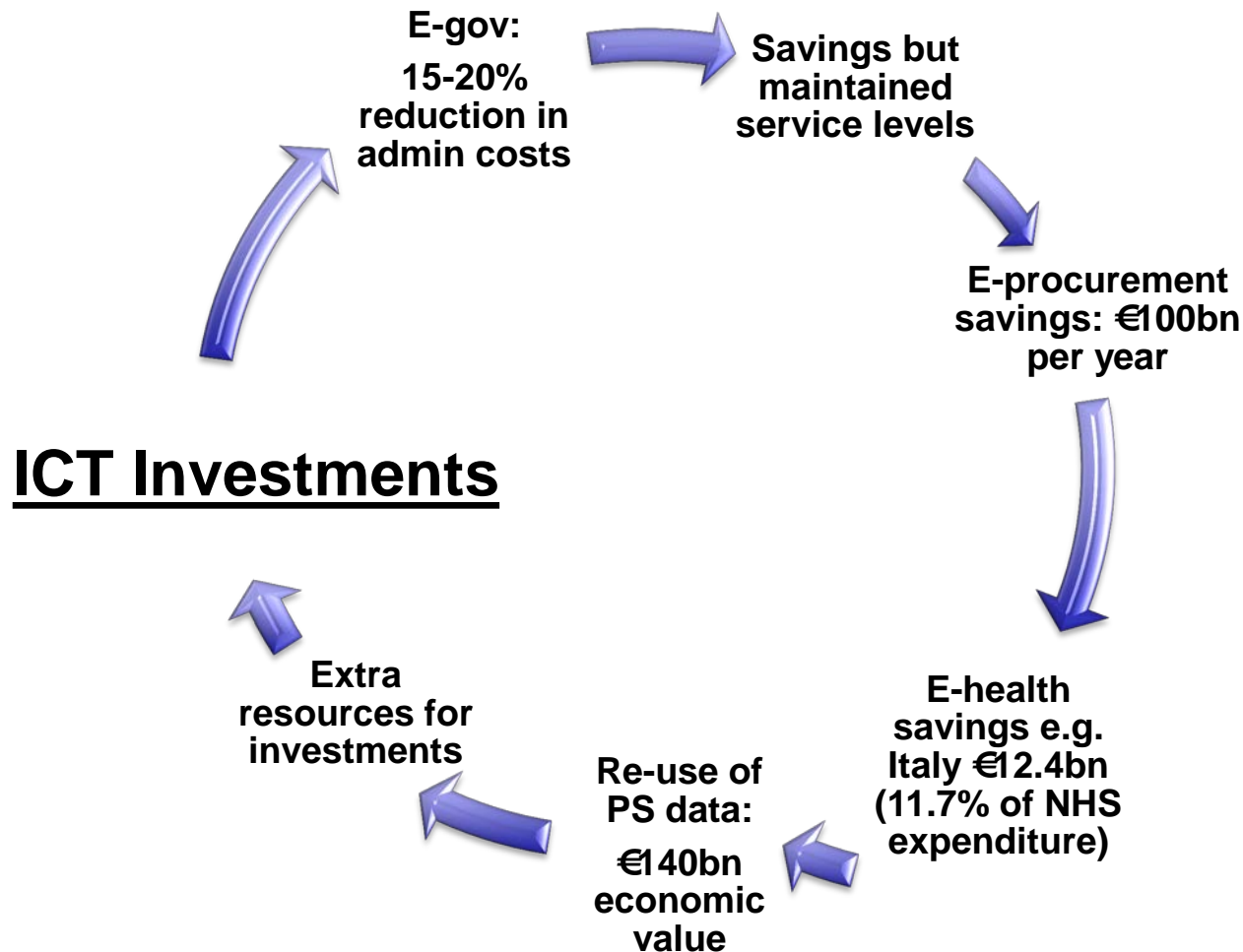
A 10% increase in the broadband penetration rate results in **1 to 1.5%** increase in annual GDP per-capita. Faster broadband = higher GDP growth. (Czernich et al. - University of Munich, 2009)

Fixed broadband speeds

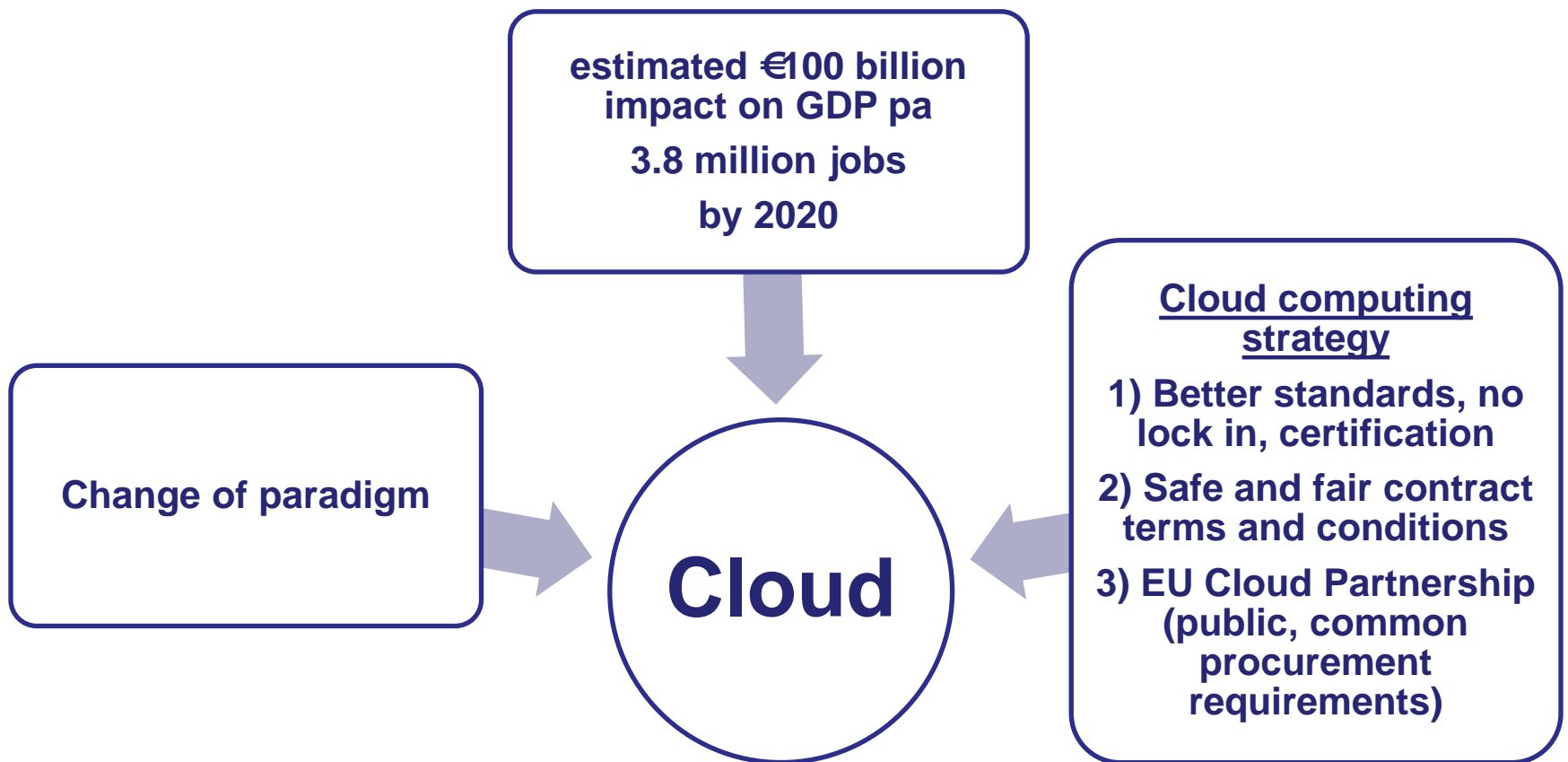


Source: Communications Committee

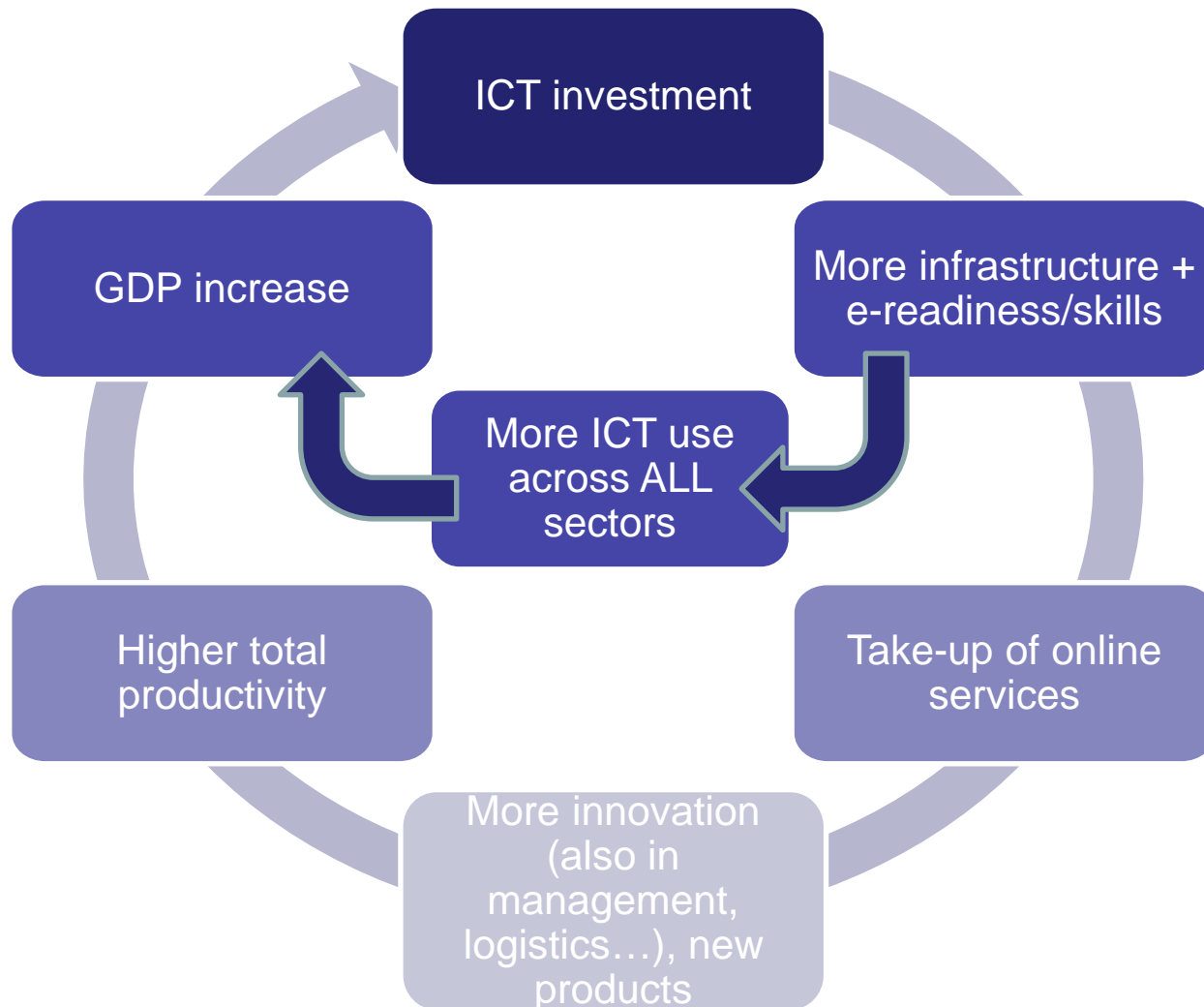
Speeding up Public Sector Innovation



Cloud Computing

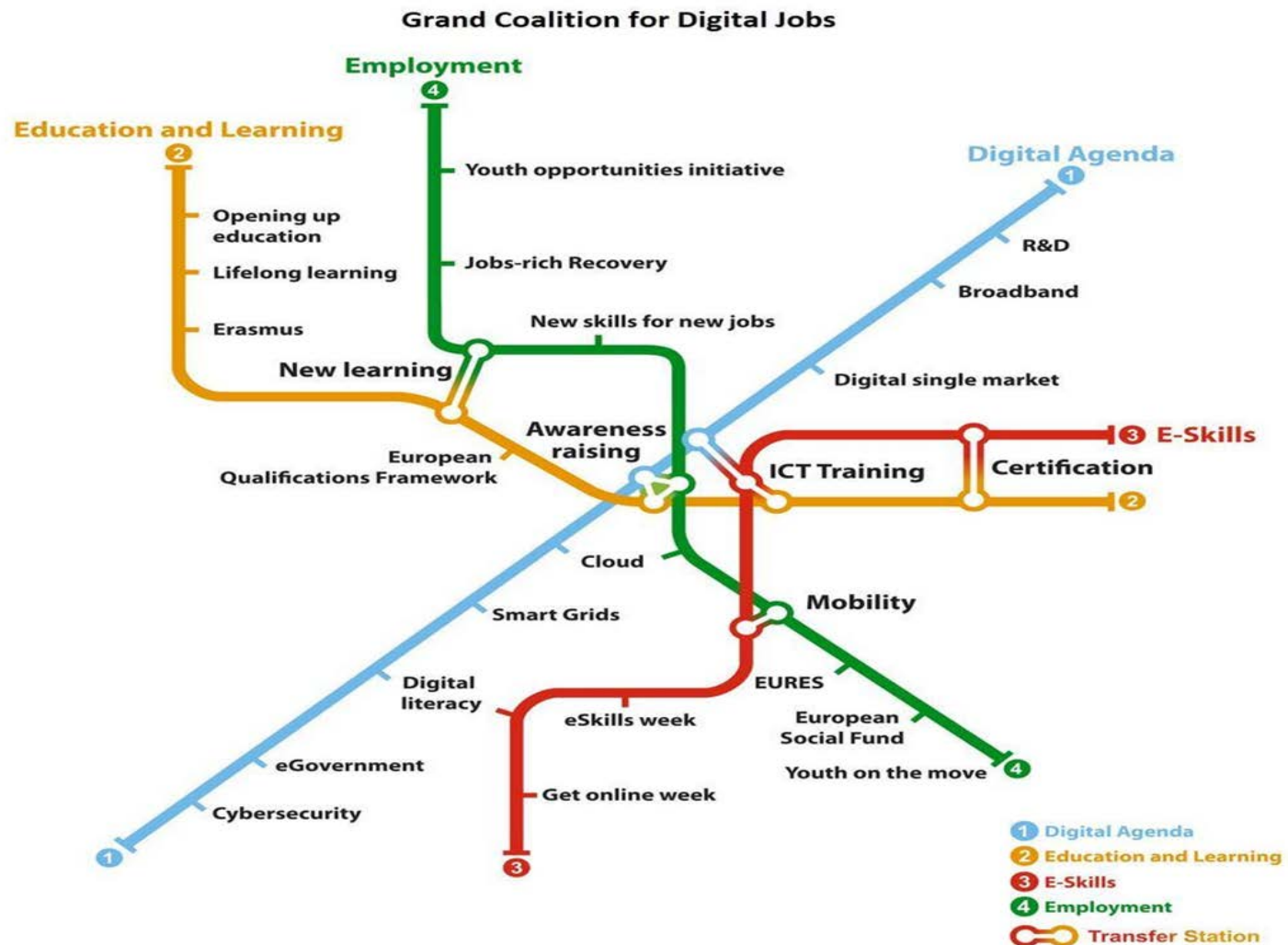


Entrepreneurship and digital jobs and skills



Grand Coalition

5 Policy Clusters

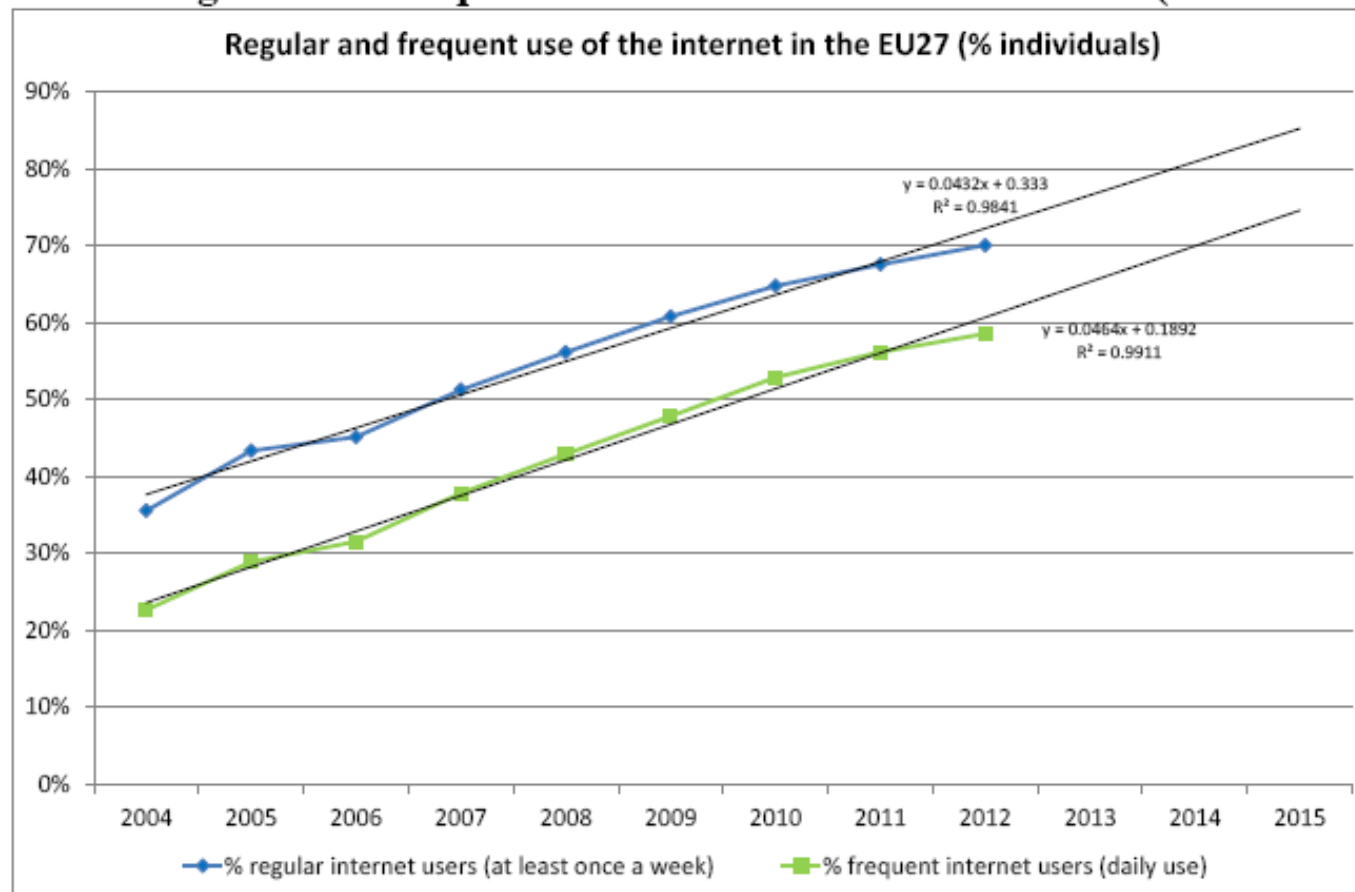




Some Current Pledges

- ICT TRAINING:
 - **Online ICT learning platform (Academy Cube)**
 - **Smart grid training, etc.**
- NEW LEARNING:
 - **Support industry/education provider collaboration**
 - **Launch MOOC for secondary teachers**
- CERTIFICATION:
 - **Support roll-out of common eCompetences framework**
- MOBILITY:
 - **Launch mobility assistance services**
- AWARENESS RAISING:
 - **GetOnline Week**

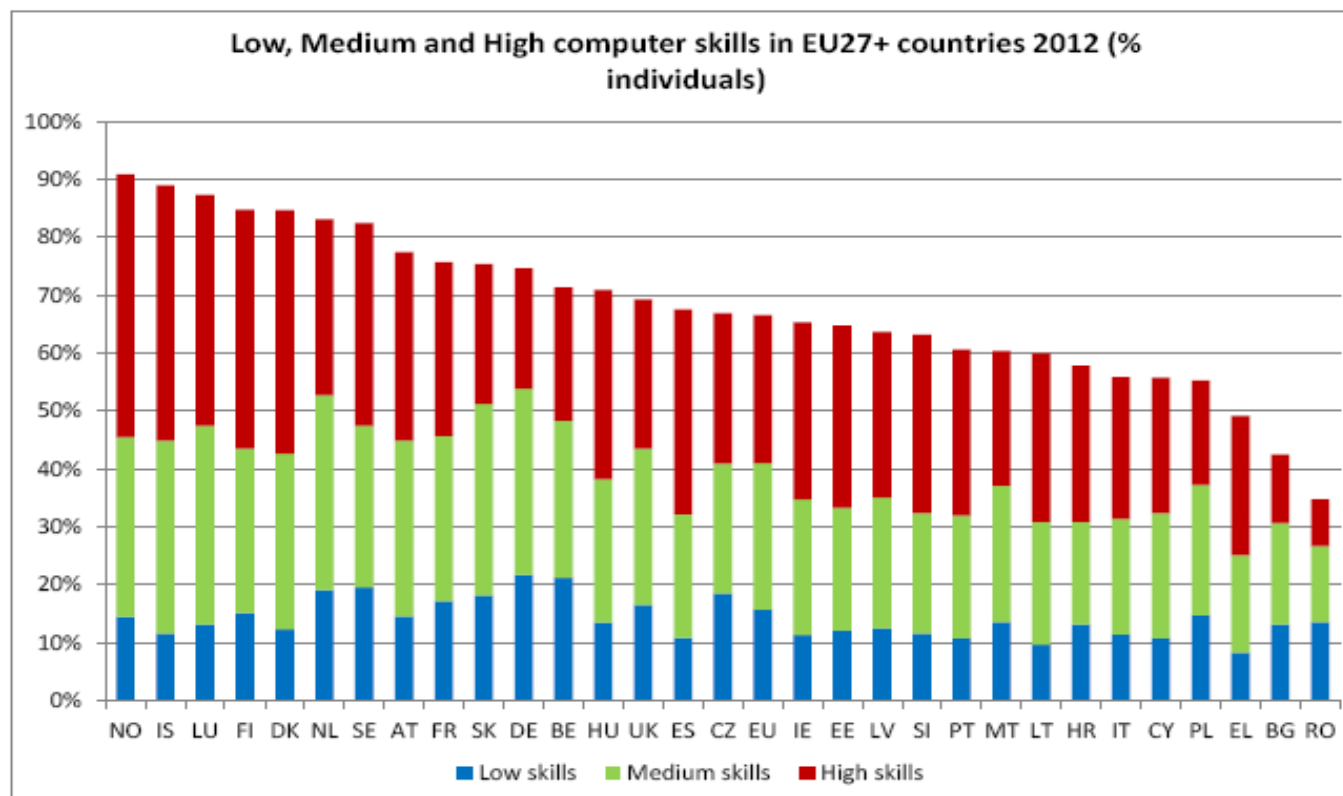
Figure 74: Regular and frequent use of the internet in the EU27 (% individuals)



Source: Eurostat

Computer skills

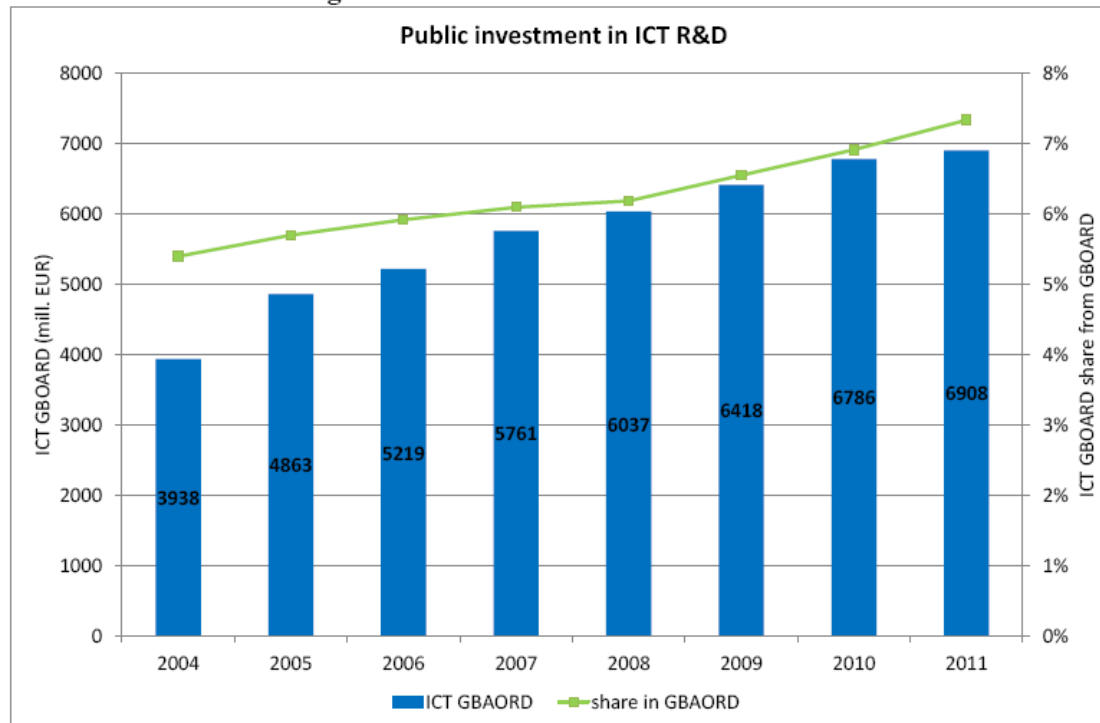
Figure 83: Low, Medium and High computer skills in EU27+ countries 2012 (% individuals)



Source: Eurostat

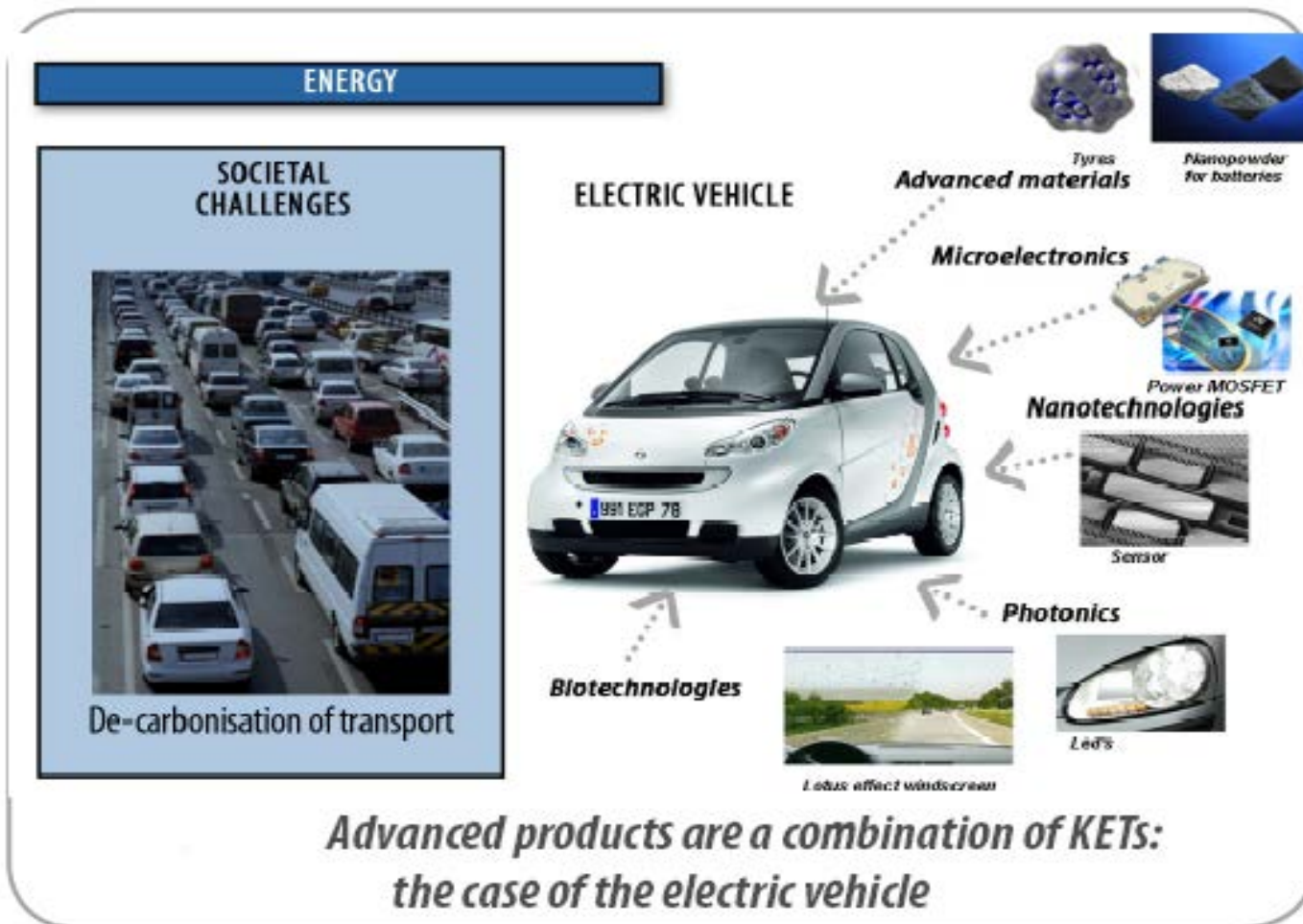
Public investment in ICT R&D

Figure 8: Public investment in ICT R&D



Source: IPTS5. Values for EU-27 in EUR m. NB: the baseline estimate for 2007 has been revised due to a new methodology;

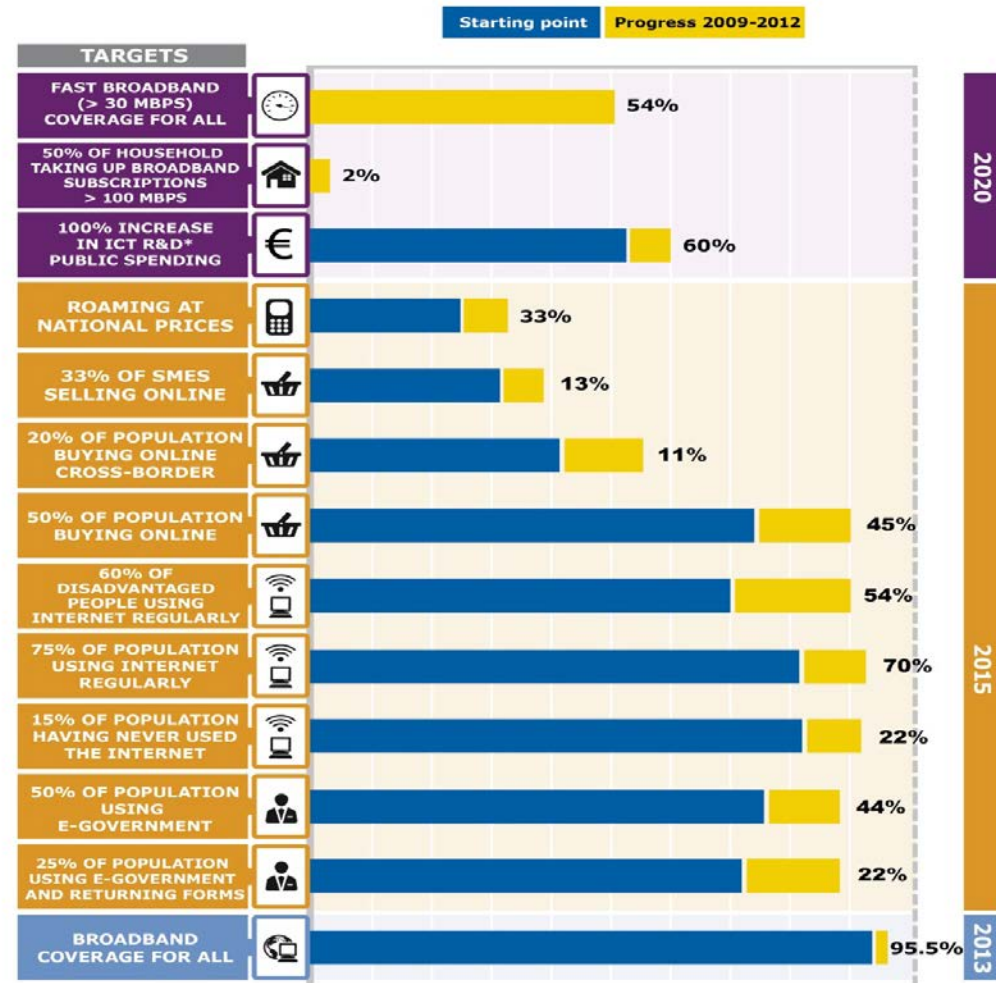
Beyond R&D&I: An industrial agenda for key enabling technologies



Digital Agenda

Scoreboard 2013

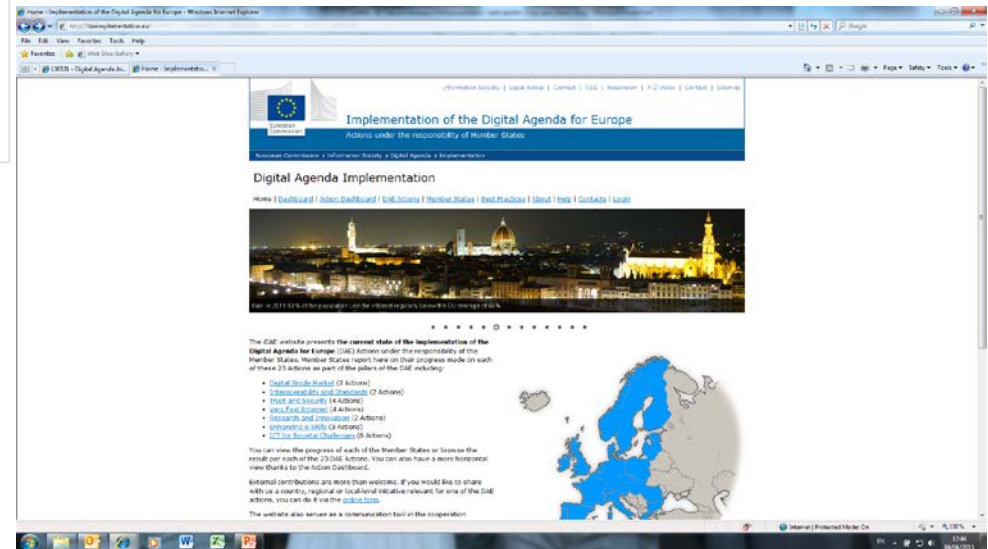
- Basic Broadband everywhere – Fast broadband: 30 Mbps reached 54% of EU by end 2012 (by end 2013 likely close to 100%)
- Internet access increasingly going mobile - 36% of EU citizens use portable devices
- 50% have no or low computer skills – 40% of companies have difficulties recruiting IT specialists
- Some 1,000,000 ICT vacancies estimated by 2015
- eCommerce growing steadily, but not cross-border



Stakeholder Engagement



Going Local 2013



DAE Member State implementation survey

National Digital Agendas



Digital Agendas in the EU

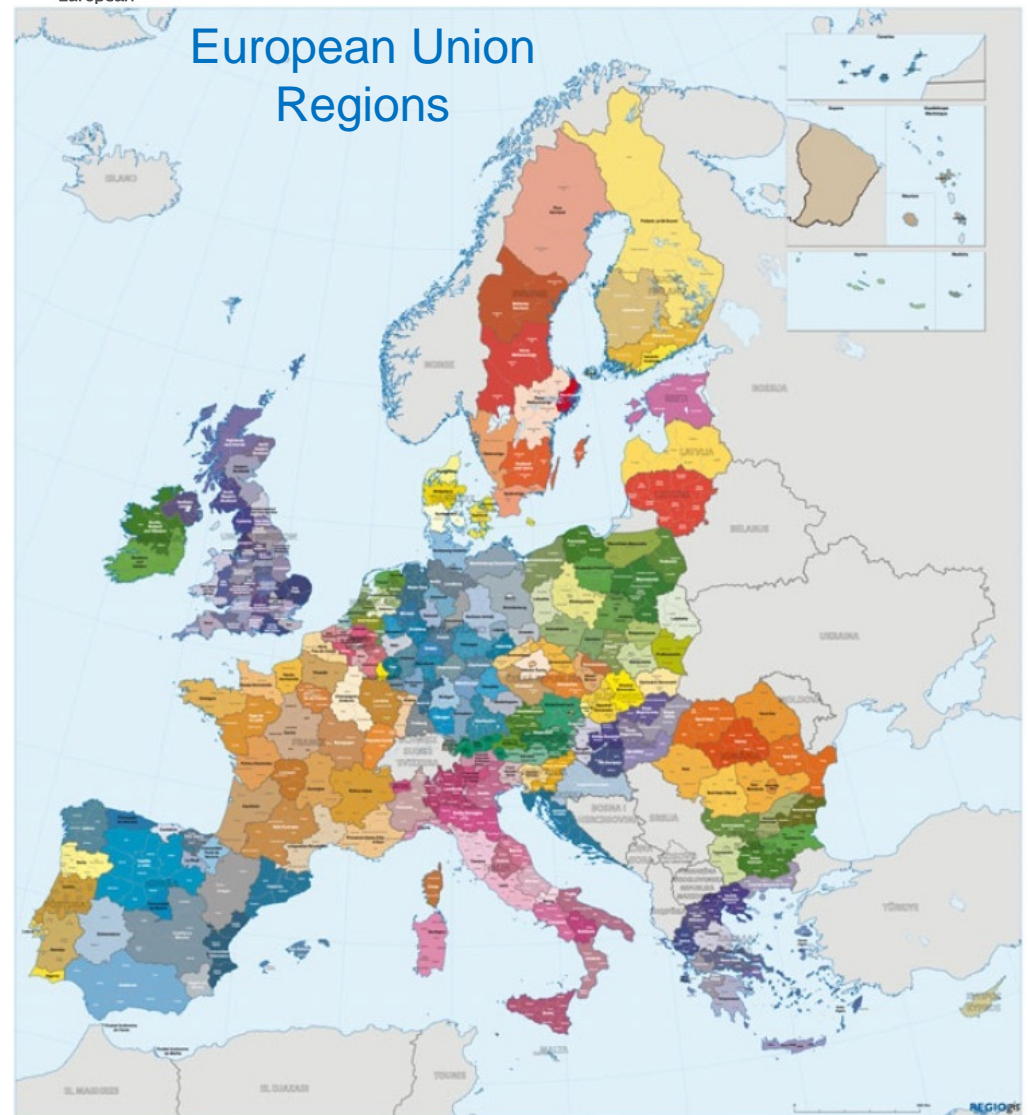
National Digital Agenda or compatible policy framework adopted	CY, EE, FI, DE, IT, LT, MT, NL, PT, RO, ES, SE, FR, (CH, TR)
National Digital Agenda or compatible policy framework under way	BE, BG, CZ, GR, HU, LV, SI, (NO)
Coordinated or aggregated/combined approach of specific digital national initiatives, but no single overarching strategy	AT, DK, IE, LU, PL, SK, UK

Regional Digital Agendas

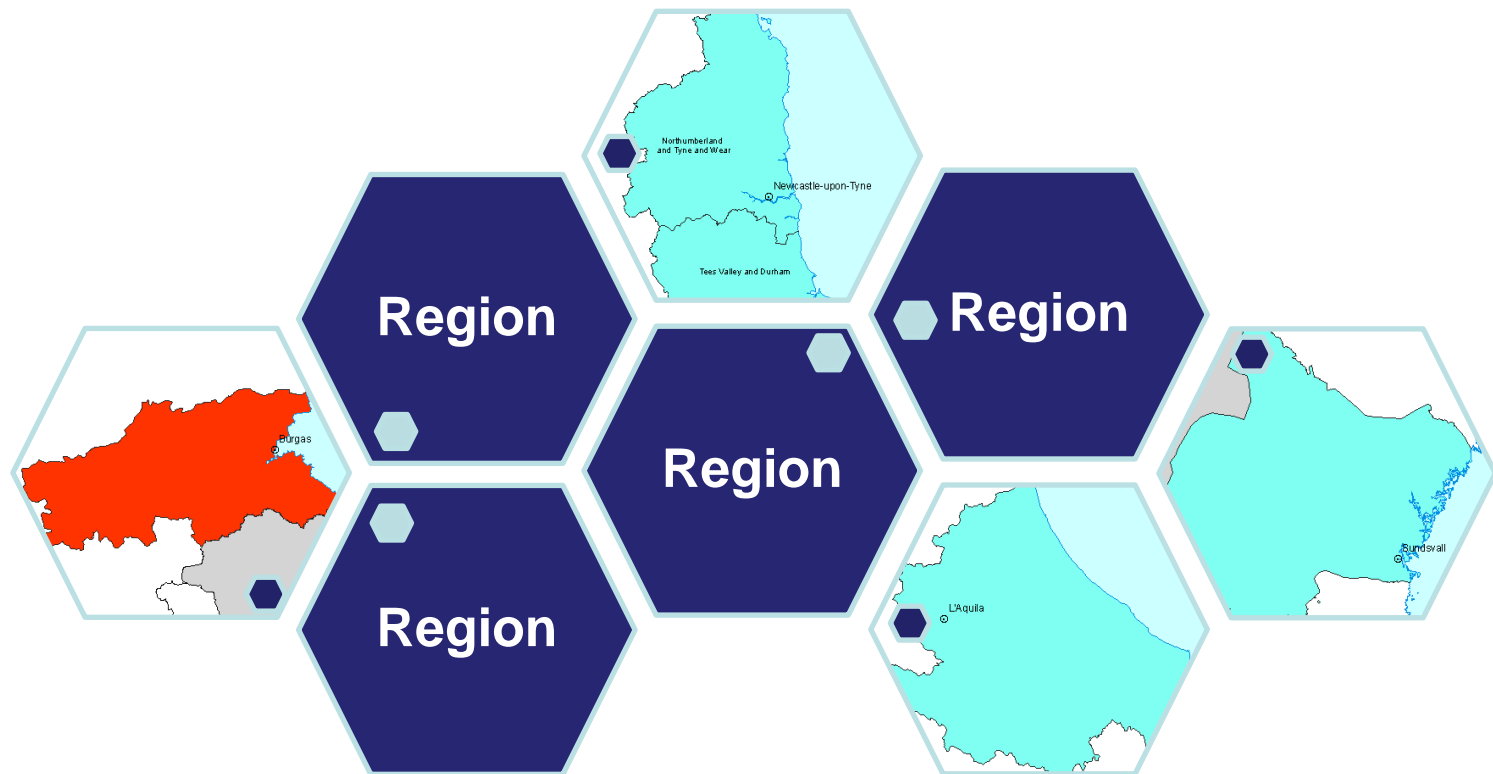
Many regional and local authorities have implemented digital strategies

They reflect key DAE priorities:

- investment in broadband infrastructure
- ICT enterprises
- e-Government
- e-Health, inclusion and accessibility.



Development of digital strategies at national and regional/inter-regional/transnational level.



Some references



ec.europa.eu/digital-agenda



DigitalAgenda



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<http://ec.europa.eu/digital-agenda/>

<http://www.daeimplementation.eu>